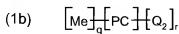


Claim Listing

1.(currently amended): A composition comprising at least one water-soluble phthalocyanine photocatalyst of formula 1(b)



in which

PC is the phthalocyanine ring system;

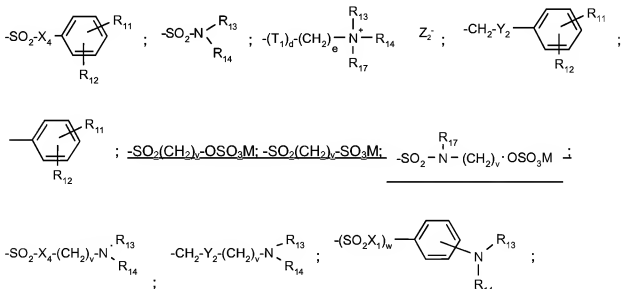
Me is Zn; Fe(II); Ca; Mg; Na; K; Al-Z1; Si(IV); P(V); Ti(IV); Ge(IV); Cr(VI); Ga(III); Zr(IV); In(III); Sn(IV) or Hf(VI);

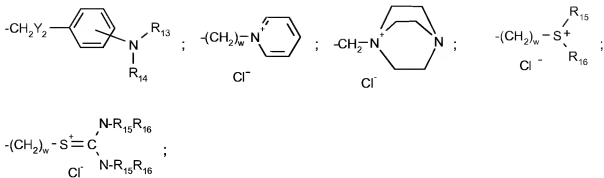
Z1 is a halide; sulfate; nitrate; carboxylate; alkanolate; or hydroxyl ion;

q is 0; 1 or 2;

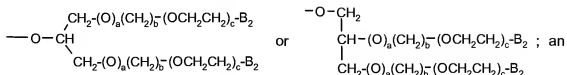
r is any number from 1 to 4;

Q2 is hydroxyl; C1-C22alkyl; branched C3-C22alkyl; C2-C22alkenyl; branched C3-C22alkenyl and mixtures thereof; C1-C22alkoxy; a sulfo or a carboxyl radical; a radical of the formula





a branched alkoxy radical of the formula



alkylethyleneoxy unit of the formula an alkylethyleneoxy unit of the formula

-(T₁)_e-(CH₂)_b-(OCH₂CH₂)_a-B₃ or an ester of the formula COOR₁₈

in which

B₂ is hydrogen; hydroxyl; C₁-C₃₀alkyl; C₁-C₃₀alkoxy; -CO₂H; -CH₂COOH; -SO₃⁻M₁;

-OSO₃⁻M₁;

-PO₃²⁻M₁; -OPO₃²⁻M₁; and mixtures thereof;

B₃ is hydrogen; hydroxyl, -SO₃⁻M₁; -OSO₃⁻M₁,-COOH or C₁-C₆alkoxy;

M₁ is a water-soluble cation;

T₁ is -O-; or -NH-;

X₁ and X₄ independently of one another are -O-; -NH- or -N-C₁-C₅alkyl;

R₁₁ and R₁₂ independently of one another are hydrogen; a sulfo group and salts thereof, a carboxyl group and salts thereof or a

hydroxyl group; at least one of the radicals R₁₁ and R₁₂ being a sulfo group and salts thereof; a carboxyl group or salts thereof,

Y₂ is -O-; -S-; -NH- or -N-C₁-C₅alkyl;

R₁₃ and R₁₄ independently of one another are hydrogen; C₁-C₆alkyl; hydroxy-C₁-C₆alkyl;

cyano-C₁-C₆alkyl; sulfo- C₁-C₆alkyl; carboxy or halogen-C₁-C₆alkyl; unsubstituted phenyl or phenyl substituted by halogen, C₁-C₄alkyl or C₁-C₄alkoxy; sulfo or carboxyl or R₁₃ and R₁₄ together with the nitrogen

atom to which they are bonded form a saturated 5- or 6-membered heterocyclic ring which may

additionally also contain a nitrogen or oxygen atom as a ring member;

R₁₅ and R₁₆ independently of one another are C₁-C₆alkyl or aryl-C₁-C₆alkyl radicals;

R₁₇ is hydrogen; an unsubstituted C₁-C₆alkyl or C₁-C₆alkyl substituted by halogen, hydroxyl, cyano, phenyl, carboxyl, carb-C₁-C₆alkoxy or C₁-C₆alkoxy;

R₁₈ is C₁-C₂₂alkyl; branched C₃-C₂₂alkyl; C₁-C₂₂alkenyl or branched C₃-C₂₂alkenyl; C₃-C₂₂glycol; C₁-C₂₂alkoxy; branched C₃-C₂₂alkoxy; and mixtures thereof;

M is hydrogen; or an alkali metal ion or ammonium ion,

Z₂⁻ is a chlorine; bromine; alkylsulfate or aralkylsulfate ion;

a is 0 or 1;

b is from 0 to 6;

c is from 0 to 100;

d is 0; or 1;

e is from 0 to 22;

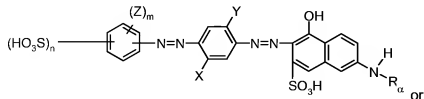
v is an integer from 2 to 12;

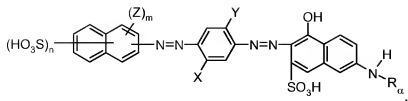
w is 0 or 1;

where the phthalocyanine ring system may also comprise further solubilising groups and at least one azo dyestuff and/or at least one triphenylmethane dyestuff, which produce a relative hue angle of 220-320 °, wherein the dyestuff component is degraded when the composition is exposed to sunlight and wherein the degradation rate of the azo dyestuff(s) and/or triphenylmethane dyestuff(s) is at least 1% per 2 hours.

2-5. (cancelled).

6.(previously presented): A composition according to claim 1, comprising at least one azo dyestuff of formula





wherein

X and Y, independently of one another, are each hydrogen; C₁-C₄-alkyl or C₁-C₄-alkoxy,

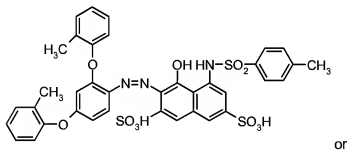
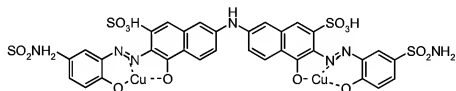
R_α is hydrogen or aryl,

Z is C₁-C₄-alkyl; C₁-C₄-alkoxy; halogen; hydroxyl or carboxyl,

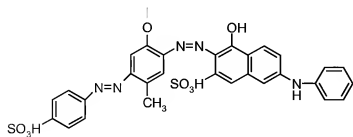
n is 1 or 2 and

m is 0, 1 or 2, as well as the corresponding salts thereof and mixtures thereof.

7.(previously presented): A composition according to claim 1, comprising at least one azo dyestuff of formula



or



8. (previously presented): A composition according to claim 1, comprising at least one triphenylmethane dyestuff of formula

- a) from 2 to 75 wt-% of at least one water-soluble phthalocyanine compound and at least one azo dyestuff and/or at least one triphenylmethane dyestuff based on the total weight of the granulate,
- b) from 10 to 95 wt-% of at least one further additive, based on the total weight of the granulate, and
- c) from 0 to 15 wt-% water, based on the total weight of the granulate.

12. (previously presented): A liquid formulation comprising a composition according to claim 1.

13. (withdrawn): A detergent formulation comprising

- I) from 5 to 70 wt-% A) of at least one anionic surfactant and/or B) at least one non-ionic surfactant, based on the total weight of the washing agent formulation,
- II) from 5 to 60 wt-% C) of at least one builder substance, based on the total weight of the washing agent formulation,
- III) from 0 to 30 wt-% D) of at least one peroxide and, optionally, at least one activator, based on the total weight of the washing agent formulation, and
- IV) from 0.001 to 1 wt-% E) of at least one granulate which contains
 - a) from 2 to 75 wt-% of at least one water-soluble phthalocyanine compound and at least one azo dyestuff and/or at least one triphenylmethane dyestuff as defined in claim 1, based on the total weight of the granulate,
 - b) from 10 to 95 wt-% of at least one further additive, based on the total weight of the granulate, and
 - c) from 0 to 15 wt-% water, based on the total weight of the granulate,
- V) from 0 to 60 wt-% F) of at least one further additive, and
- VI) from 0 to 5 wt-% G) water.

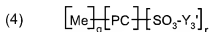
14. (withdrawn): A softener composition comprising

- (a) a composition comprising at least one photocatalyst and at least one azo dyestuff and/or at least one triphenylmethane dyestuff, as defined in claim 1, and
- (b) a fabric softener.

15. (withdrawn): A shading process using a composition as claimed in claim 1.

16. (previously presented): Textile treated with a composition as claimed in claim 1.

17. (new). A composition according to claim 1, wherein the formula (1b) is the water-soluble phthalocyanine photocatalyst of formula (4)



in which

PC is the phthalocyanine ring system;

Me is Zn; Fe(II); Ca; Mg; Na; K; Al-Zr; Si(IV); P(V); Ti(IV); Ge(IV); Cr(VI); Ga(III); Zr(IV); In(III); Sn(IV) or Hf(VI);

Z₁ is a halide; sulfate; nitrate; carboxylate; alkanolate; or hydroxyl ion;

q is 0; 1; or 2;

Y₃' is hydrogen; an alkali metal ion or ammonium ion; and

r is any number from 1 to 4.

18. (new) A compositions according to claim 17, wherein the dyestuff is selected from the group consisting of

